

ABSTRACT OF THE DISCLOSURE

The present invention provides a light transfer system comprising a plurality of slave stations each equipped with a light transmitter for outputting an optical signal corresponding to an information signal and a master station for receiving an optical multiplex signal obtained by optically multiplexing the optical signals sent from the plurality of slave stations, wherein the plurality of slave stations adjusts an amount of heat radiated from an exothermic-effect-only heat source of the optical transmitter to thereby control a wavelength of the optical signal output from a laser diode of the light transmitter.